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Abstract

A mobile telecommunications network is proposed with an access network
5 portion (10) having several base station systems (101) that can communicate
with a core network portion (20). The base station systems are adapted to
communicate with mobile terminals (1) over a licensed public mobile network
air interface and with the core network portion over a predetermined network
10 interface. The network also includes at least one local base station system
(104, 105, 106) that is arranged to communicate with the core network portion
over the predetermined network interface. This local base station system is
further adapted to communicate with mobile terminals over an unlicensed
radio interface (11). The local base station system makes use of an existing
15 fixed network based on IP.

Fig. 1